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said center section so that said pump shaft and said motor shaft are disposed perpendicular to each other;

a differential gear interlocking with said motor shaft; and a pair of horizontal axles as output means differentially connected with each other through said differential gear

- 8. The axle driving apparatus as set forth in claim 7, further comprising: a casing including an upper half casing part and a lower half casing part joined with each other, wherein said hydraulic pump, said hydraulic motor, said center section, said differential gear and said pair of axles are disposed in said casing.
- 9. The axle driving apparatus as set forth in claim 8, wherein said center section is fixed to said upper half casing paft.
- 10. The axle driving apparatus as set forth in claim 9, further comprising: a check valve disposed in said center section, where said center section is provided therein with a closed circuit for hydraulic connection of said hydraulic pump and said hydraulic motor and with an oil suction port, and wherein said check valve is interposed between said oil suction port and said closed circuit.
- 11. The axle driving apparatus as set forth in claim 10, further comprising: a movable swash plate of said hydraulic pump disposed in said casing; and a bearing supported by said movable swash plate, said bearing abutting against said pump piston.
- The axle driving apparatus as set forth in claim 11, further comprising: 12. a speed control lever shaft interlocking with said movable swash plate, said speed control lever shaft being rotatably supported by said upper half casing part.

13. An axle driving apparatus, comprising:

a casing;

a hydraulic pump disposed in said casing, said hydraulic pump including a pump shaft and a pump piston disposed parallel to said pump shaft;

a hydraulic motor disposed in said casing, said hydraulic motor including a motor shaft and a motor piston disposed parallel to said motor shaft; and

a center section disposed in said casing for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said hydraulic motor are mounted on said center section so that said pump shaft and said motor shaft are disposed perpendicularly to each other.

- 14. The axle driving apparatus as set forth in claim 13, further comprising:
  an upper half casing part and a lower half casing part joined with each other so
  as to constitute said casing, wherein said center section is fixed to said upper half casing part.
- 15. The axle driving apparatus as set forth in claim 14, further comprising:
  a check valve disposed in said center section, wherein said center section is
  provided therein with a closed circuit for hydraulic connection of said hydraulic pump and
  said hydraulic motor and with an oil suction port, and wherein said check valve is interposed
  between said closed circuit and said oil suction port.
- 16. The axle driving apparatus as set forth in claim 15, further comprising:
  a movable swash plate of said hydraulic pump disposed in said casing; and
  a bearing supported by said movable swash plate, said bearing abutting against said pump piston.
- 17. The axle driving apparatus as set forth in claim 16, further comprising:
  a speed control lever shaft interlocking with said movable swash plate, said speed control lever shaft being rotatably supported by said upper half casing part.

## 18. An axle driving apparatus, comprising:

a casing including an upper half casing part and a lower half casing part joined with each other;

a hydraulic pump disposed in said casing, said hydraulic pump including a vertical pump shaft also serving as an input shaft and a pump piston disposed parallel to said pump shaft;

a hydraulic motor disposed in said casing, said hydraulic motor including a motor shaft and a motor piston disposed parallel to said motor shaft;

a center section disposed in said casing for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said hydraulic motor are mounted on said center section so that said pump shaft and said motor shaft are disposed perpendicular to each other;

a differential gear interlocking with said motor shaft in said casing; and a pair of axles as output means horizontally disposed in said casing and differentially connected with each other through said differential gear.

19. The axle driving apparatus as set forth in claim 18, wherein said center section is fixed to said upper half casing part.

## 20 An axle driving apparatus, comprising:

a casing including an upper half casing part and a lower half casing part joined with each other;

a hydraulic pump disposed in said casing, said hydraulic pump including a pump shaft and a pump piston disposed parallel to said pump shaft;

a hydraulic motor disposed in said casing, said hydraulic motor including a motor shaft horizontally and rotatably supported between said upper half casing part and said lower half casing part and a motor piston disposed parallel to said motor shaft; and

a center section disposed in said casing for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said

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STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. hydraulic motor are mounted on said center section so that said pump shaft and said motor shaft are disposed perpendicular to each other.

21. The axle driving apparatus as set forth in claim 20, wherein said center section is fixed to said upper half casing part.

22. An axle driving apparaths, comprising:

a hydraulic pump including a pump shaft also serving as an input shaft, a pump piston disposed parallel to said pump shaft, and a movable swash plate abutting against said pump piston, said movable swash plate being provided with a detent mechanism;

a hydraulic motor including a motor shaft and a motor piston disposed parallel to said motor shaft:

a center section/for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said hydraulic motor are mounted on said center section so that said pump shaft and said motor shaft are disposed perpendicular to each other;

a differential gear interlocking with said motor shaft; and a pair of axles as output means differentially connected with each other through said differential gear, wherein said pair of axles are disposed-perpendicularly to said pump shaft.

- 23. The axle driving apparatus as set forth in claim 22, further comprising: a casing including an upper half casing part and a lower half casing part joined with each other, wherein said hydraulic pump, said hydraulic motor, said center section, said differential gear and said pair of axles are disposed in said casing.
- 24. The axle driving apparatus as set forth in claim 23, wherein said center section is fixed to said upper half casing part.

25. An axle driving apparatus, comprising:

a casing including an upper half casing part and a lower half casing part joined with each other;

a hydraulic pump disposed in said casing, said hydraulic pump including a pump shaft also serving as an input shaft, a pump piston disposed parallel to said pump shaft, and a movable swash plate abutting against said pump piston, said movable swash plate being provided with a detent mechanism;

a hydraulic motor disposed in said casing, said hydraulic motor including a motor shaft and a motor piston disposed parallel to said motor shaft; and

a center section disposed in said casing for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said hydraulic motor are mounted on said center section so that said pump shaft and said motor shaft are disposed perpendicularly to each other.

- 26. The axle driving apparatus as set forth in claim 25, wherein said center section is fixed to said upper half casing part.
  - 27. An axle driving apparatus, comprising:

a hydraulic pump including a pump shaft also serving as an input shaft and a pump piston disposed parallel to said pump shaft;

a hydrauli¢ motor including a motor shaft and a motor piston disposed parallel to said motor shaft;

a center section for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said hydraulic motor are mounted on said center section so that said pump shaft and said motor shaft are disposed perpendicular to each other;

a differential gear interlocking with said motor shaft; and

a pair of axles as output means differentially connected with each-other through said differential gear, wherein said pair of axles are disposed perpendicularly to said

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pump shaft and parallel to said motor shaft, and wherein said pump shaft is disposed between said motor shaft and said pair of axles.

28. The axle driving apparatus as set forth in claim 27, further comprising: a casing including an upper half casing part and a lower half casing part joined with each other, wherein said hydraulic pump, said hydraulic motor, said center section, said differential gear and said pair of axles are disposed in said casing.

## 29. An axle driving apparatus, comprising:

a casing including an upper half casing part and a lower half casing part joined with each other;

a hydraulic pump disposed in said casing, said hydraulic pump including a vertical pump shaft also serving as an input shaft and a pump piston disposed parallel to said pump shaft;

a hydraulic motor disposed in said casing, said hydraulic motor including a motor shaft and a motor piston disposed parallel to said motor shaft;

a center section disposed in said casing for fluidly connecting said hydraulic pump and said hydraulic motor with each other, wherein said hydraulic pump and said hydraulic motor are mounted or said center section so that said pump shaft and said motor shaft are disposed perpendicularly to each other, and wherein said pump shaft is rotatably supported by said casing and said center section;

a differential gear interlocking with said motor shaft in said casing; and a pair of axles as output means horizontally disposed in said casing and differentially connected with each other through said differential gear.

30. An axle driving apparatus, comprising:

a casing including an upper half casing part and a lower half casing part joined with each other.

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